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## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/783,175	02/19/2004	Mark S. Wallace	040159

23696  
 Qualcomm Incorporated  
 Patents Department  
 5775 Morehouse Drive  
 San Diego, CA 92121-1714



CONFIRMATION NO. 7289

## FORMALITIES LETTER



\*OC000000012667571\*

Date Mailed: 05/17/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/20/2004 HLE333 00000019 170026 10783175 FILED UNDER 37 CFR 1.53(b)

01 FC:1051 130.00 DA

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

A handwritten signature in black ink, appearing to be 'A. L. S.', is written above a horizontal line.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application

No. 10/783,175

WALLACE et al.

Examiner: Unknown

Filed: 2/19/2004

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For: CALIBRATION OF DOWNLINK  
AND UPLINK CHANNEL  
RESPONSES IN A WIRELESS  
MIMO COMMUNICATION  
SYSTEM

) Group No. 2681

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**UNDER 37 CFR §1.53 (f)**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted under 37 CFR § 1.53, which was mailed on 5/17/2004, enclosed are:

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**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))**

I hereby certify that this correspondence is, on the date shown below, being:

***MAILING***

- ☒ deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Depositor's Name: Karyn D. Lao  
(type or print name)

Date: 7/13/2004

Signature: \_\_\_\_\_

***FACSIMILE***

- ☐ transmitted by facsimile to the Patent and Trademark Office.

Depositor's Name: \_\_\_\_\_  
(type or print name)

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Enclosed are:

1. Office's copy of Form PTO-1533 as required;
2. Executed Declaration/Power of Attorney;
3. Return postcard.

Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated in the amount of \$130.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate copy of this letter is enclosed. The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

A duplicate copy of this letter is enclosed.

Respectfully submitted,

Dated: 7/13/2004

By: 

Thien T. Nguyen, Reg. No. 43,835  
(858) 651-6137

QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 658-5787  
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